

WHAT IS CLAIMED IS:

1. An electro-optical device comprising:
a substrate carrying an electro-optical material;
a first wiring formed on the surface of the substrate;
an insulating layer for covering the first wiring, the insulating layer being formed on the surface of the substrate; and
a second wiring formed over a first region of the insulating layer including a region overlapping a region in which the electro-optical material is formed and a second region which corresponds to the remaining region other than the first region of the insulating layer, the second wiring being connected to the first wiring via a contact hole formed within the first region of the insulating layer.
2. An electro-optical device according to claim 1, further comprising a counter substrate, with the electro-optical material sandwiched between the substrate and the counter substrate, and a sealing material disposed between the substrate and the counter substrate, wherein the first region includes a region of the insulating layer which faces the sealing material.
3. An electro-optical device according to one of claims 1 and 2, wherein the insulating layer further comprises a mounting region overlaid with an electronic component mounted on the surface of the insulating layer, and the second wiring is connected to the first wiring via a contact hole formed in the mounting region of the insulating layer.
4. An electro-optical device comprising:
a substrate carrying an electro-optical material;
a first wiring formed on the surface of the substrate;
an insulating layer for covering the first wiring, the insulating layer being formed on the surface of the substrate and having a mounting region overlaid with an electronic component mounted on the surface of the insulating layer; and
a second wiring connected to the electronic component, the second wiring being formed on the surface of the insulating layer and connected to the first wiring via a contact hole formed within the mounting region.

5. An electro-optical device according to claim 3 or 4, wherein the electronic component is an integrated circuit comprising an output terminal connected to the second wiring.

6. An electro-optical device according to claim 3 or 4, wherein the electronic component is a flexible substrate comprising a base having flexibility and a wiring formed on the surface of the base, the wiring being connected to the second wiring.

7. An electro-optical device according to one of claims 1 to 6, wherein the first wiring comprises an elemental metal or an alloy, and the second wiring comprises a conductive oxide.

8. An electro-optical device according to one of claims 1 to 7, further comprising a pixel electrode for applying a voltage to the electro-optical material, wherein the second wiring and the pixel electrode are formed of the same layer.

9. An electronic apparatus comprising an electro-optical device according to one of claims 1 to 8.